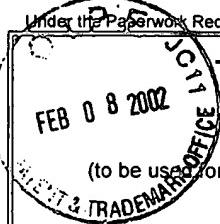


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Application Number	10/000,415
Filing Date	November 2, 2001
First Named Inventor	Thomas Kolze et al.
Group Art Unit	2631
Examiner Name	unassigned
Attorney Docket Number	13199US02

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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> PTO-1449	<input type="checkbox"/> CD Number of CD(s) _____	
<input checked="" type="checkbox"/> References attached		
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	McAndrews Held & Malloy, Ltd.
Signature	
Date	January 10, 2002

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: January 10, 2002

Name (Print/type)	Timothy L. Harney	Registration No. (Attorney/Agent)	38,174
Signature		Date	1/10/02



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. 13199US02)

PATENT

In the Application of:

Thomas Kolze et al.

Serial No. 10/000,415

Filed: November 2, 2001

For: DETECTION AND MITIGATION OF  
TEMPORARY IMPAIRMENTS IN A  
COMMUNICATIONS CHANNEL

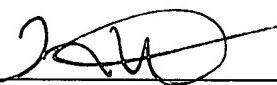
Examiner: unassigned

Group Art Unit: 2631

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INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents  
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Washington, D.C. 20231

Dear Sir:

In accordance with 37. C.F.R. § 1.56, Applicants submit a completed PTO Form 1449 (in duplicate) and a copy of each printed or patented reference listed on the Form.

No fee is believed to be due because it is believed that this statement is being filed before mailing the first Office Action on the merits. The basis for this belief is that this statement is being mailed prior to the receipt of an Office Action by the undersigned. Please charge any fees due in connection with this statement to the deposit account of McAndrews, Held & Malloy, Ltd., Account No. 13-0017.

This paper and enclosures are believed to be entitled to consideration under 37 C.F.R. § 1.97, based on the facts stated above. The Examiner is requested to initial both copies of the enclosed PTO Form 1449 and return one copy to Applicant to indicate consideration of the enclosed references.

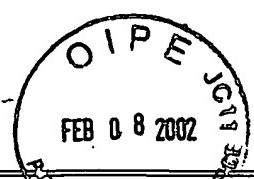
Respectfully submitted,

Date: January 10, 2002

By:   
Timothy L. Harney  
Reg. No. 38,174

**McAndrews, Held & Malloy, Ltd.**  
500 West Madison Street  
Suite 3400  
Chicago, Illinois 60632

(312) 775-8000 (Telephone)  
(312) 775-8100 (Facsimile)



Form PTO-1449  
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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.  
13199US02

SERIAL NO.  
10/000,415

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

APPLICANTS:

Thomas Kolze et al.

FILING DATE

11/2/2001

GROUP ART UNIT:  
2631

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A						RECEIVED
	B						FEB 14 2002
	C						Technology Center 2600
	D						
	E						
	F						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	H							
	I							
	J							
	K							
	L							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

M	Marco Lops et al., <i>Narrow-Band-Interference Suppression in Multiuser CDMA Systems</i> , September 1998, pp. 1163-1175.
N	Jeffrey A. Young et al., <i>Analysis of DFT-Based Frequency Excision Algorithms for Direct-Sequence Spread-Spectrum Communications</i> , August 1998, pp. 1076-1087.
O	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.